PART B - FEE(S) TRANSMITTAL

WASHINGTON OFFICE

CUSTOMER NUMBER

SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, NV SUITE 800 WASHINGTON, DC 20037

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APPLICATION NO	. FILING	DATE FI	RST NAMED INVE	NTOR	ATTORNEY DOCKET NO.		CONFIRMATION NO.		
10/697,124 10/31/2003		Yoshiyuki FUKUMOTO		Q78162		8462			
TITLE OF INVENTION: ELEMENT AND METH			WITH A DIFFUSION	I BARRIER BE	TWEEN A COND	UCTOR AND A	MAGNETORESIST	ANCE	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	N PREV. PA	AID ISSUE FEE	TOTAL FEE	TOTAL FEE(S) DATE DUE		
nonprovisional	NO	\$1440.00	\$300.00		\$0.00	\$1,740.00	06/04/2	800	
	EXAMINER		ART UNIT	CLASS	-SUBCLASS				
Jef	ferson A. EVANS		2627	360)-324200				
1. Change of corresponde	nce address or indi	cation of "Fee Address	s" (37 CFR 1.363 2	2. For printing or	the patent front pa	ige list 1	Sughrue Mion, PL	LC	
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.				(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,					
☐ "Fee Address" indicat 03-02 or more recent) AT	is required.	(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be							
3. ASSIGNEE NAME A	ND RESIDENCE	DATA TO BE PRINT		orinted. NT (print or type	<u> </u>				
PLEASE NOTE: Unless recordation as set forth in	an assignee is iden	ntified below, no assig	gnee data will appear	on the patent. If	f an assignee is ide	ntified below, th	e document has been	filed for	
(A) NAME OF ASSIGN	EE (B) RESII	DENCE: (CITY and S	TATE OR COUNTR	XY)					
NEC CORPORATION		Tokyo, Japan							
Please check the appropri	iate assignee catego	ory or categories (will	not be printed on the	patent): 🗆 Indiv	vidual 🗹 Corporatio	on or other privat	te group entity 🗆 Go	vernment	
4a. The following fee(s)	are submitted:		4b. Payment	of Fee(s): (Pleas	e first reapply any	previously pai	d issue fee shown ab	ove)	
☑ Issue Fee	☐ A check is	☐ A check is enclosed.							
☑ Publication Fee (No small entity discount permitted) ☐ P				☐ Payment by credit card. Form 1310-2038 is attached.					
☐ Advance Order - # of	Copies		☑ The Direct	☑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-4880 (enclose an extra copy of this form).					
			overpayment. ☑ The USPI	, to Deposit According to Deposit According to the contract of	ount Number <u>19-48</u>	1 <u>80</u> (enclose an e arge all required	extra copy of this form I fees to Deposit Acc	ո).	
	s (from status indic	cated above)	overpayment. ☑ The USPI	, to Deposit According to Deposit According to the contract of	ount Number 19-48 and authorized to ch	1 <u>80</u> (enclose an e arge all required	extra copy of this form I fees to Deposit Acc	ո).	
			overpayment. ☑ The USPT <u>19-4880</u> . Ple	, to Deposit Accord is directed arease also credit a	ount Number 19-48 and authorized to ch ny overpayments to	380 (enclose an e arge all required said Deposit Ac	extra copy of this form I fees to Deposit Acc	n). ount No.	
5. Change in Entity Statu	MALL ENTITY sta	atus. See 37 CFR 1.27	overpayment. ☑ The USPT 19-4880. Ple	, to Deposit According to the control of the contro	ount Number 19-48 and authorized to chany overpayments to claiming SMALL E	880 (enclose an e arge all required said Deposit Ac NTITY status. So	extra copy of this form I fees to Deposit Acceptant. ee 37 CFR 1.27(g)(2)	n). count No.	
5. Change in Entity Statu ☐ a. Applicant claims SN	MALL ENTITY sta TO is requested to a d Publication Fee (atus. See 37 CFR 1.27 apply the Issue Fee and if required) will not b	overpayment. The USPT 19-4880. Ple b. Applica Publication Fee (if a e accepted from anyon	, to Deposit According to deposit According to deposit and the sase also credit and the sase als	ount Number 19-48 and authorized to change overpayments to laiming SMALL En y any previously pa	880 (enclose an earge all required a said Deposit Acontrol Status, Sould issue fee to the	extra copy of this form fees to Deposit Acceptant. ee 37 CFR 1.27(g)(2) te application identifie	n). ount No ed above.	
5. Change in Entity Statu ☐ a. Applicant claims SN The Director of the USPT NOTE: The Issue Fee and	MALL ENTITY sta TO is requested to a d Publication Fee (atus. See 37 CFR 1.27 apply the Issue Fee and if required) will not b	overpayment. The USPT 19-4880. Ple b. Applica Publication Fee (if a e accepted from anyout and Trademark Of	, to Deposit According to deposit According to deposit and the sase also credit and the sase als	ount Number 19-48 and authorized to change overpayments to laiming SMALL En y any previously pa	880 (enclose an earge all required a said Deposit Acontrol Status, Sould issue fee to the	extra copy of this form fees to Deposit Acceptant. ee 37 CFR 1.27(g)(2) fee application identification agent; or the assigned	n). ount No ed above.	
5. Change in Entity Statu ☐ a. Applicant claims SN The Director of the USPT NOTE: The Issue Fee amparty in interest as shown	MALL ENTITY sta TO is requested to a d Publication Fee (a by the records of	atus. See 37 CFR 1.27 apply the Issue Fee and if required) will not b	overpayment. The USPT 19-4880. Ple b. Applica Publication Fee (if a e accepted from anyont and Trademark Of	nt is no longer cany) or to re-apple one other than the	ount Number 19-48 and authorized to che any overpayments to laiming SMALL En y any previously pa e applicant; a regist	asge all required as aid Deposit Act NTITY status. So aid issue fee to the ered attorney or	extra copy of this form fees to Deposit Acceptant. ee 37 CFR 1.27(g)(2) fee application identification agent; or the assigned 8 2247 194880 196	n). ount No ed above.	

PART B - FEE(S) TRANSMITTAL

FIRST NAMED INVENTOR

Yoshiyuki FUKUMOTO

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

WASHINGTON OFFICE

CUSTOMER NUMBER

APPLICATION NO.

10/697,124

SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, NV **SUITE 800**

WASHINGTON, DC 20037

FILING DATE

10/31/2003

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ATTORNEY DOCKET NO.

Q78162

CONFIRMATION NO.

8462

TITLE OF INVENTIO ELEMENT AND MET	N: MAGNETORES	ISTANCE DEVICE WI TING THE SAME	TH A DIFFUSIO	ON BARR	IER BETWEEN A COND	UCTOR AND A MAG	NETORESISTANCE		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATI FEE	ON P	REV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE		
nonprovisional	NO	\$1440.00	\$300.00		\$0.00	\$1,740.00	06/04/2008		
EXAMINER			ART UNI	Т	CLASS-SUBCLASS				
J	Jefferson A. EVANS			2627 360-324200					
☐ Change of correspon PTO/SB/122) attached ☐ "Fee Address" indi	ndence address (or Cl cation (or "Fee Add	ication of "Fee Address" hange of Correspondence ress" Indication form P of a Customer Number is	e Address form	(1) the attorney (2) the member names of	inting on the patent front p names of up to 3 regists s or agents OR, alternativel name of a single firm (I a registered attorney or ag f up to 2 registered patent If no name is listed, no n	tered patent by, 2 having as a tent) and the 3 attorneys or	ghrue Mion, PLLC		
PLEASE NOTE: Unle	ess an assignee is ide n in 37 CFR 3.11. Co GNEE (B) RESI	DATA TO BE PRINTE intified below, no assign impletion of this form is DENCE: (CITY and ST Tokyo, Japan	ee data will appe NOT a substitute	ear on the e for filing	patent. If an assignee is id	entified below, the doc	ument has been filed for		
Please check the appro		gory or categories (will n	oot be printed on 4b. Payme	the patent	: □ Individual ☑ Corporat s): (Please first reapply a	tion or other private gro	up entity Government ue fee shown above)		
☑ Issue Fee	☑ Issue Fee			☐ A check is enclosed.					
☑ Publication Fee (No ☐ Advance Order - #	☑ The Di	 □ Payment by credit card. Form 1310-2038 is attached. ☑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-4880 (enclose an extra copy of this form). 							
☑ The USPTO is directed and authorized to continuous to the second seco						charge all required fees	to Deposit Account No.		
5. Change in Entity St	SMALL ENTITY s	tatus. See 37 CFR 1.27.			longer claiming SMALL				
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Authorized Signature		Cotx	#107	6 Bate		5/29/2008			
Typed or Printed Nan	ne T	Howard L. Bernstein		Registr	ation No.	25,665			
Modified PTOL-85 (Rev. 08/07) Approve	d for use through 08/31/	2010.						